

Eastern Arizona Amateur Radio Society

EST. 1974

www.eaars.com

INC.

facebook.com/groups/eaars

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



March, 2018

JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



EAARS Open Repeaters

PL 141.3 unless noted otherwise

Echolink: 614350 **IRLP:** 7787

Heliograph Peak at Safford, AZ:

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

Jacks Peak at Silver City, NM:

145.210 Linked

West Peak at Ft Thomas, AZ:

145.350 Access to link to network

Pinal Peak at Globe, AZ:

145.410 Linked

South Mt at Alpine, AZ:

145.270 Linked

Caballo Mt at TorC, NM:

145.470 Linked

Greens Peak at Show Low, AZ

146.700 Linked

Little Florida at Deming, NM:

147.060 Linked

Mule Mt at Bisbee, AZ:

147.080 Linked

Mt Lemmon at Tucson, AZ

147.160 Linked

Guthrie Peak at Clifton, AZ:

147.280 Linked

Gals on the Air!

Calling all Gals of any class ... Join us every Monday night for the
Gals Night Net @ 7:30 pm (AZ) on the EAARS system!

Upcoming Events

*Would You like to see your event posted for the membership to see?
Email your information to emberfire@cox.net.*

March 3rd ... A Mountain Climb to Conquer Cancer - Angie N7EMB
March 16-18 .. AERC Old Pueblo Pioneer Ride - Mike W7IJ
March 31 RST Hamfest @ Target-Old Spanish Trail - Tucson
April 15 ... AZ Trail Vail Scramble - Mike W7IJ
April 29 ... March for Babies - Angie N7EMB
Nov 10 ... Alzheimer's Walk - Angie N7EMB

Did you know that you can see the Public Service Opportunities on soazhamservice.net? The events are posted by dates and who leads them. If you are interested in participating or have any questions, please feel free to contact them.

WEEKLY EAARS' NETS

Every day:

Down Under Net - 4:15 am

Weather Net - 5:30 am

NTS Traffic Net - 6:30 pm

Sunday:

EAARS Net - 7:00 pm

Monday:

Gals Night Net - 7:30 pm

Wednesday:

*Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,
Off Season, every second Wednesday of month at 7:30 pm*

Saturday:

*ERC (Emergency Response Communications) Net - 8:45 am ,
2nd Saturday of the month (20-25 min duration)*



EAARS Officers and Staff

Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

Net Control Operators

Rick	KE7EDP	1st Sunday
Angie	N7EMB	2nd Sunday
Mike	W7IJ	3rd Sunday
Chris	N7JND	4th Sunday

SKYWARN TRAINING

For all of you weather junkies... This spotter course is exclusively for hams and will include a tour of the NWS forecast center.

Ham Only spotter training course (Must be a ham to attend)

Monday, March 26 at 1730

University of Arizona ENRB Building
520 N Park Av Room 253

Parking Available on the 6th St Garage

See www.skywarnaz.org for more information
or email k7ael@yahoo.com if you have any
questions.

Thank you in advance for your help



Welcome New EAARS Members!

KE0PGJ Rollin
KI7TIG Max
KG5VAF Tim

AWESOME!

Welcome New Members!

We appreciate all new members, as well as current members. Thank you to those who make it a point to pay their dues on time! We do have a lot of stragglers that have **NOT YET** paid their 2018 dues. Please try to do so immediately! It's quite simple, open up your PayPal account and pay EAARS! No stamp to buy! Come on now...We are in March. :) EAARS appreciates your immediate attention.

EAARS Thanks you for your membership and support!

**RST** Radio Society of Tucson

TUCSON SPRING HAMFEST

Saturday March 31, 2018
7 AM—11 AM

FREE ADMISSION & PARKING!

Vendor Registration:
Prepaid by
\$10.00 (incl. Tax)
\$10.00 (incl. Tax)

TARGET
9818 E. Old Spanish Trail
Tucson, AZ
"NORTH PARKING LOT"

Get your station or upgrade!
radio vs. testing vs. rig!

Get on the Air!
On-air fun at the QTH Station

Get your ARRL Awards!
OSL card checking!

Get your shack on!
Coffee, tea and dough!

Boiler setup starts at 8:00 AM
All Vendor/Seller Spaces- \$10/space

RAFFLE!
Tickets \$2 ea., 3 for \$5, 7 for \$10!

Prizes:
1st: (1st) 50W Overland Mobile Transceiver
2nd: Dual-band Hand-held Transceiver

Map and Information: <http://www.k7rat.org>



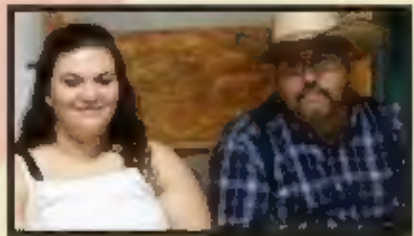
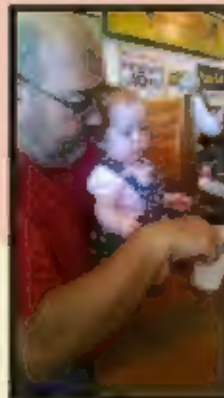
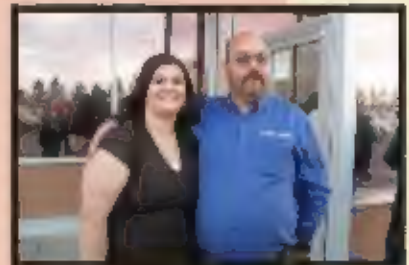
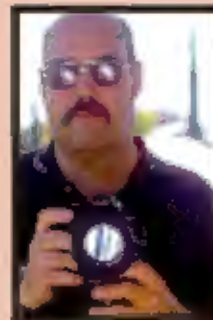
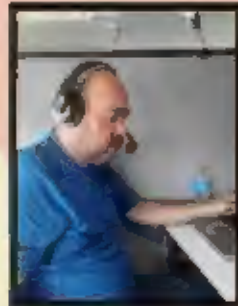
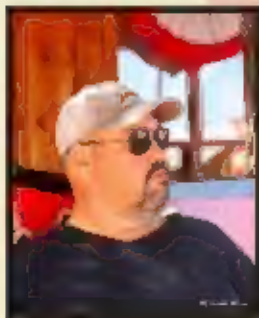
**RST** Radio Society of Tucson
www.rstclub.org

FREE CLASS this Spring

For Technician HAM RADIO License
Join the FUN and TALK to the WORLD
9 Weekly Classes begin Sun. Mar 11, 2018
6:30 PM at Tucson Hardesty Police Station,
1100 S. Alvernon Way, Tucson
call Ken 520-572-3766
or email Ken at kg7khy@gmail.com
Books are \$21 each, call to reserve

In Memory Of Richard (Rick) A McNutt W5CF

Most of us knew who Rick – W5CF was. He was a very familiar voice on the EAARS system from Deming New Mexico. Often we heard Rick giving out radio check requests and offering great advice to the new Ham. Rick also played a very large part of maintaining the microwave links in New Mexico that the EAARS system travels on. He was a great guy, great Ham and great friend and he will be missed by all that knew him. This page is dedicated to the memory of Rick – W5CF



Saguaro National Traffic System (NTS) Net

by Rosie KG7QWR

This net is on the EAARS repeater network and is under the umbrella of ATEN, Arizona Traffic and Emergency Net (ATEN), which is high frequency whereas, Saguaro NTS is a 2 meter net. I have been listening to this net for about 5 months and just got active on it this year. It was a bit intimidating at first, as I have only been active on the radio for the Gals Night Net on Monday nights. Therefore, my comfort zone has improved over time. This net is in place to move radio traffic in Southeastern Arizona. It is a training net so that local Hams can have the opportunity to learn how to get information out from our local area and even share information within. It has been quite a learning experience, I have become much more adept at phonetic spelling and catching call signs when they are given. We meet every evening at 6:30PM (18:30), exchange traffic, and receive helpful training. The net lasts 30 minutes so it goes by really fast.

We use Radiograms to send and receive messages. There is a written procedure that is followed to do this. We have a net Control and everything goes thru that person, for that night's net. Traffic is announced for both incoming and outgoing, then roll call is taken so we know whom is available to take that traffic. The net has Technician, General, and Extra Class licensed holders participating. Not all of us are able to participate on the ATEN net to send Out-of-State traffic. I am a Technician, so I get to handle local traffic, which has been very educational and even fun. When we have VE testing the radiograms go out to congratulate the new licensees. I have had the opportunity to be on the receiving end of one of the Radiograms 3 years ago when I received my Technician license. I remember it was a thrill for me receiving the Radiogram. Now it is exciting to be on the other end calling the newbies and relaying the congratulations on their accomplishment!!

I hear about how important it is to be able to step in during an emergency and give assistance. It wasn't until last week that I got to hear first hand what that could entail. An emergency does not have to be a statewide disaster; it could be an accident on the road, or even a traveling Ham running late on the highway with family at the other end not knowing of a delay, due to of road conditions. This is what happened to a Ham. A person used the radio for assistance, gave a phone number for his in-laws and another Ham called the in-laws to let them know he was running an hour late. The in-laws were then able to know that he was safe and, on his way, alleviating stress for all of them!

We have most of our family in Montana, our grandson turned 6 at the end of January. I originated a radiogram wishing him a Happy Birthday from us. It was given to him the day before his birthday and he was so thrilled to get it. I will be doing that for all of my grandchildren, hoping that this will start a seed for them to become curious about Ham radio and hopefully eventually become Hams themselves.

JOTA 2018 Patches to be Available This Summer

ARRL - 02/22/2018

The patch design for the US Jamboree on the Air 2018 (JOTA) has been selected by the National Radio Scouting Committee. BSA Supply expects to have patches available this summer.



National JOTA Coordinator Jim Wilson, K5ND, said it's never too early to begin planning for JOTA, and quite a bit of information to help in planning is available, including JOTA Countdown, JOTA Station Planning, and JOTA Event Tips. A podcast on JOTA-JOTI (Jamboree on the Internet) operations from Scouting Stuff You Should Know may also be useful. "It provides a Canadian perspective, but it's sound advice for any location," Wilson said.

The National Radio Scouting Committee has developed a draft Troop Meeting Plan for Radio. Looking ahead, next year is the World Scout Jamboree at The Summit Bechtel Scout Reserve in West Virginia. To recognize the first North American World Jamboree — hosted by Canada, Mexico, and the US — the call sign NA1WJ has been secured for the event.

More information is in the World Scout Jamboree Amateur Radio Operational Vision document.

JOTA COUNTDOWN

By Don Kunst, ASM, W3LNE

K2BSA Vice President and JOTA Committee Chairman

Did you know that JOTA-JOTI is the largest Scouting Event in the WORLD, with over 1 million Scouts participating across 150 countries? This past year in the USA we had a little over 7,000 Scouts participate from 148 of our 273 Councils at 346 stations.

K2BSA Amateur Radio Association (KARA) and its members have pledged to help you make your JOTA-JOTI event bigger and better this year. We are coordinating with the BSA National Radio Scouting Committee, to best support your activities.

In order to get you off on the right foot here a few suggestions to get your planning started for your event on October 14th (Early Start), 15th, and 16th, 2016.

I will note, too, that Radio Scouting can be a gateway for many Merit Badges and Troop, High Adventure and STEM (Science, Technology, Engineering, Math) activities.

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JOTA COUNTDOWN

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Our goals are simple;

- Increase the participation of Scouts, Leaders, Councils and the public
- Increase the level of communication and support for events
- Increase the awareness of Radio Scouting throughout Scouting
- Improve Station reporting of their events activities
- Prepare for the 60th JOTA 2017
- Increase the fun

You can help by becoming your Council's Radio Scouting Champion, by planning or supporting an event, joining the K2BSA ARA, or by providing your feedback and suggestions.

WHAT IS JOTA?

When Scouts want to meet young people from another country, they usually think of attending a World Jamboree. But few people realize that each year more than a million Scouts and Guides "get together" over the airwaves for the annual Jamboree-on-the-Air (JOTA). During the 2014 event, worldwide Scouting participation included 1.1 million Boy Scouts and 200,000 Girl Guides/Girl Scouts, for a total participation of over 1.3 million—the largest Scouting event in the world.

Modern technology offers Scouts the exciting opportunity to make friends in other countries without leaving home. JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other by means of Amateur (ham) Radio. Scouting experiences are exchanged and ideas are shared via radio waves. Since 1958 when the first Jamboree-on-the-Air was held, millions of Scouts have met each other through this event. Many contacts made during JOTA have resulted in pen pals and links between Scout troops that have lasted many years. With no restrictions on age or on the number of participants, and at little or no expense, JOTA allows Scouts to contact each other by ham radio. The radio stations are operated by licensed amateur radio operators. Many Scouts and leaders hold licenses and have their own stations, but the majority participate in JOTA through stations operated by local radio clubs and individual radio amateurs. Some operators use television or computer-linked communications.

ARRL Announces 2018 Teaching Institutes on Wireless Technology Sessions

ARRL - 02/14/2018

As part of its educational outreach through the Education & Technology Program (ETP), ARRL will offer three sessions of the Teachers Institute on Wireless Technology this July. The week-long workshops will be held at ARRL Headquarters in Newington, Connecticut, and in Dayton, Ohio — hosted by the Dayton Amateur Radio Association (DARA). The Teachers Institute (TI) is an expenses-paid, professional development seminar that provides teachers at all grade levels with tools and strategies to introduce basic electronics, radio science, space technology, and satellite communication, as well as weather science, introduction to micro-controllers, and basic robotics in their classrooms.

The Teachers Institute curriculum is designed for motivated teachers and other school staff who want to learn more about wireless technology and bring that knowledge to their students. The goal of the TI program is to equip educators with necessary foundational knowledge and — through hands-on learning — generate the inspiration for teachers to continue exploring wireless technology and adapt what they learn to their classroom curricula.

Interested educators can apply online. The \$100 enrollment fee is refunded for applicants who are not selected. A qualified applicant must be an active teacher at an elementary, middle, high school, or community college/university, or in a leadership or enrichment instruction role in an after-school program.

Summer 2018 Teachers Institute Schedule

Session	Location	Days	Instructor
T1-2	Newington, Connecticut - ARRL	July 9-12	Matt Severin N8MS
T1-2	Dayton, Ohio	July 16-20	Larry Kendall K6NDL
T1-2	Newington, Connecticut - ARRL	July 23-27	Tommy Goyer N5DUX

Topics covered in the TI-1 "Introduction to Wireless Technology" workshop include basic electronics, radio science, microcontroller programming, and basic robotics. Among other activities, participants will learn how to solder and practice by building a small project. They'll also learn basic circuit concepts and learn how to use basic test equipment. In addition, TI-1 attendees will learn about Amateur Radio, take part in a hidden transmitter hunt, see demonstrations of Amateur Radio satellite communication, and build and program their own simple robots.

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ARRL Announces 2018 Teaching Institutes on Wireless Technology Sessions

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The TI-2 "Remote Sensing and Data Gathering" workshop will concentrate on analog-to-digital conversion and data sampling. Participants will receive telemetry from Amateur Radio satellites and apply it to math and science topics. TI-2 participants will also construct a marine research buoy equipped with environmental sensors, build a microcontroller to sample the data, configure it for Automatic Packet Reporting System (APRS) transmission, and receive and upload data to a spreadsheet for analysis.

Holding an Amateur Radio license is not required for the "Introduction to Wireless Technology" workshop (TI-1), but one is required by those planning to attend the advanced "Remote Sensing and Data Gathering" workshop (TI-2), and applicants to the advanced workshop must have completed TI-1.

The grant to attend a TI covers transportation, hotel, and a modest per diem allowance to cover meals, instructional resources, and a resource library of relevant ARRL publications.

Graduate credit is available through Fresno Pacific University, which may be applied to satisfy professional growth requirements to maintain teaching credentials. The class is self-contained, and participants are expected to be able to complete all requirements during the class time. Graduate credit forms may be requested at the end of the Teachers Institute.

For more information, contact Ally Riedel at ARRL Headquarters.



Volunteers Invited to Assist in 2018 Boston Marathon

ARRL - 02/02/2018

Opportunities for Amateur Radio and non-amateur volunteers are available for the 122nd running of the Boston Marathon on Monday, April 16, sponsored by the Boston Athletic Association (BAA). Amateur Radio volunteers are needed for starting line, course, and finish line positions, and non-amateur volunteers are wanted for medical transportation and various other medical and logistical roles. Volunteer registration is open through Wednesday, February 7.

Those interested in volunteering for the 2018 Boston Marathon but unsure if they will be able to participate in April should register now and notify the volunteer coordinators later, if it turns out they will not be able to attend.

"It will be very difficult to bring in volunteers once registration closes, and if you register but can no longer volunteer at the event, please let us know as early as possible so contingency planning can be completed," the Boston Marathon Amateur Radio Communications Committee has announced.

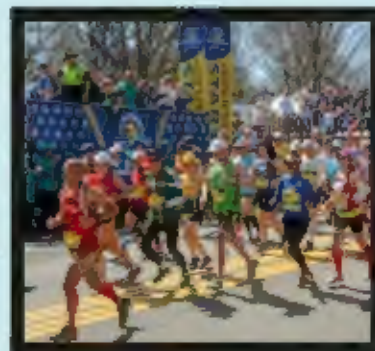
Amateur Radio volunteers do not need to specify any group name or passcode; just request at least one ham radio assignment of your preference. Volunteers will receive an application confirmation number. Returning volunteers will be asked to provide a BAA Volunteer Loyalty Number, sent by BAA via e-mail in early January.

"Help us get the word out by forwarding this e-mail to your club and other hams who might like to volunteer, and for non-hams to any volunteer groups who might be interested in supporting the event," the Committee said. "If you know new amateurs or other new people involved in volunteering for events, let them know. Even a quick mention at your club meeting or regular meeting of your organization can be a big help."

Prospective Amateur Radio volunteers should visit the Boston Marathon - Amateur Radio Communications page or the Boston Marathon Volunteer Registration page for more information.

"Volunteering at the Marathon is a big job, and we appreciate the time and effort everyone puts into it," the Committee said. "We're happy to do what we can to make your work more comfortable or effective."

— Thanks to Matthew Forman, K6MCF, and Rob Macedo, KD1CY, of the Boston Marathon Amateur Radio Communications Committee



Cooking up
Some Magic



Irish Beef Stew with Guinness Beer



Recipe by: allrecipes

"St. Paddy's Day done right: Meat, potatoes, and Ireland's best beer. I tossed some parsley on it at the end b/c I happened to have some. Not necessary."

Ingredients

2 tablespoons olive oil	2 pounds beef stew meat, cubed
1 onion, chopped	3 cups stout beer (such as Guinness(R))
3 cloves garlic, minced	2 potatoes, peeled and sliced
1 teaspoon salt	2 potatoes, peeled and quartered
1/2 teaspoon ground black pepper	salt and ground black pepper to taste

Directions

Heat the olive oil in a large pot over medium heat. Stir in the onion, garlic, salt, and pepper. Cook and stir until the onion has softened and turned translucent, about 5 minutes. Stir in the beef, beer, sliced potatoes, and quartered potatoes. Bring to a boil over high heat, then reduce heat to medium-low, cover, and simmer until the beef is tender, about 2 hours. Season to taste with salt and pepper before serving.



kiss the
cook